

Cytochrome P450-Dependent Enzymes From *Euphorbia lagascae* (SEQ ID NO:2) and *Capsicum annuum* (gi 6739506)

```

gi6739506  ME---IQFTN-LVAFLLFLSSIIILLKKWKTKLNLPGPWKLPFFIGSLHHLAVAGPLPHHGKNIAKLYGPLMHLRLGEIPTVIISPPR
SEQ ID NO:2  MEQKNLSFSPSILISFLLVLI-LVVVMRLWKQ--NPPPGPWKFPIIGNLPHLLITSDLGHERFRAIAQIYGPMVMSLQIGQVS AVVSSAE

gi6739506  MAKEVLKTHDLAFATRPKLVVADIVHYDSTDIAFSPYGEYWRQIRKICILELLSAKMVKKFFSSIRQDELMMVSSIRTMPNFPVNLTDKI
SEQ ID NO:2  AAKEVMKTQADAFAPQPIVLD AQIVFYNRKDVLFASYGDHWRQMKKIWILEFLSAKKVQSSRLIREEMEDAITFLRSKAGSPVNI TKII

gi6739506  FWFTSSVTCRSALGKICRDQDKLIIIFMREIIISLTGGFSIADFFPTWKMLHDVGGSKTRLLKAHRKI DEILEHVVNEHKQNRADGQKGNGE
SEQ ID NO:2  YGIIISIMIRTSVGN-CKQKERLLSVADAVNEAATSGTADAFPTWKLLHYIIIGAESKPRRLHQEI DDILEEILNEHKANKP-----

gi6739506  FGGEDLIDVLLRVRESGEVQISITDDNIKSILVDMFSAGSETSTTIIWALAE MMKKPSVLAKAQAEVRQVLKEKKGFQQIDLDLDELKYLK
SEQ ID NO:2  FEADNLMDVLLNLQKNGNVPVPVTNESIKASVLQMF TAGSETTSKATEWVMAELMKNPTELRKAQEEVRQVFGEMGKVDES RFHDLKFFK

gi6739506  LVIKETLRMHPPPIPLLVPRECMKDKIDGYNI PFKTRVIVNAWAI GRDPESWDDPESFSPERFENS SVDFLGSHHQFIPFGAGRRI CPGM
SEQ ID NO:2  LVVKETLR LHPPV-VLIPRECRETTRIDGYEIHNPNTRI VVNAWAI GRDPENTWSEPGKENPERFKDCAIDYKGTTFELVPFGAGKRICPGI

gi6739506  LFGLANVGQPLAQLLYHFD RKL PNGQSHENLDMTESPGISATRKDDLVL IATPYD-----P
SEQ ID NO:2  TSAITNLEYVIINLLYHFNWELADGITPQILDMTEAIGGALRKKIDIKLIPIPYQVSLGSNIS

```

FIG. 1

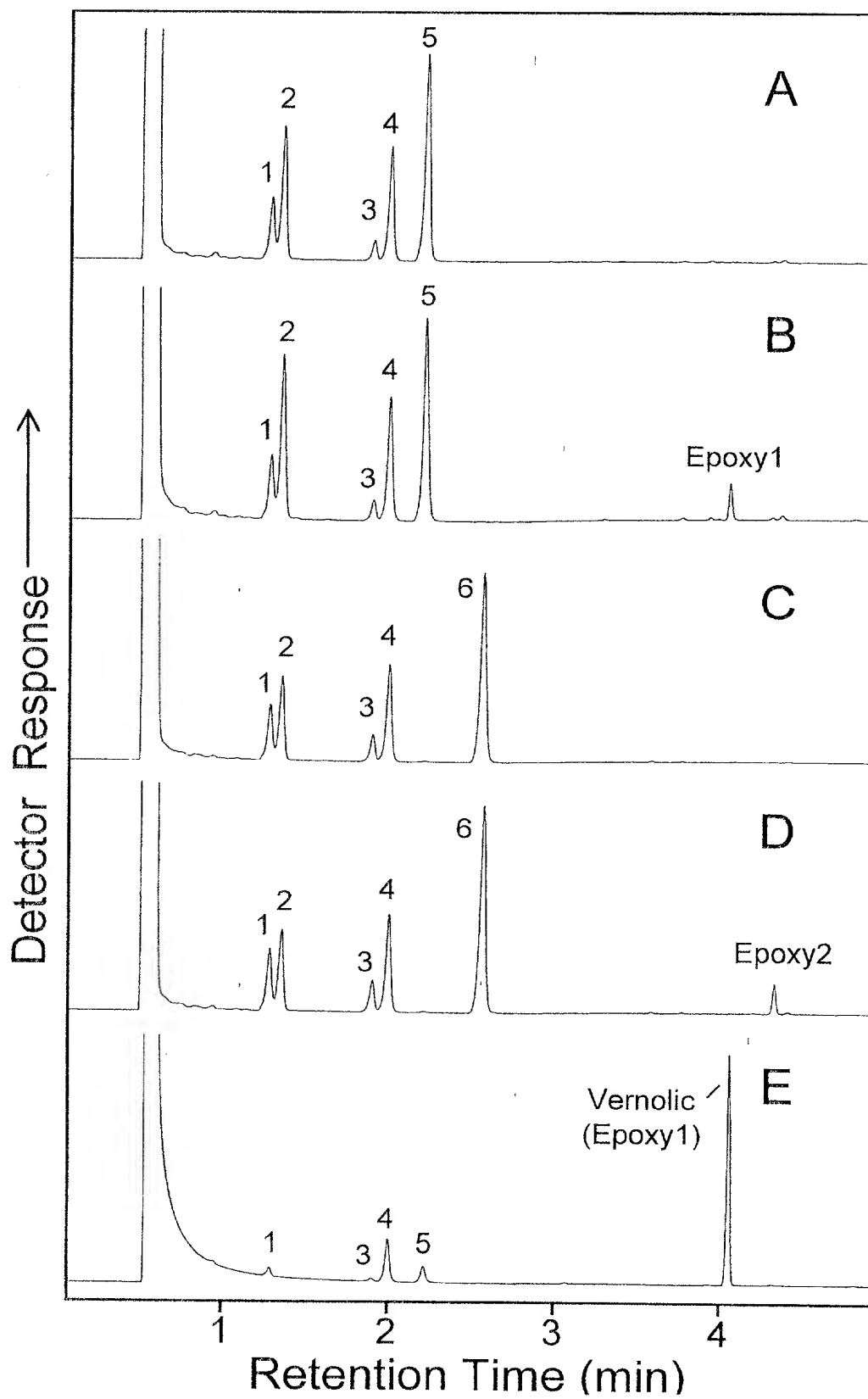


FIG. 2

3/7

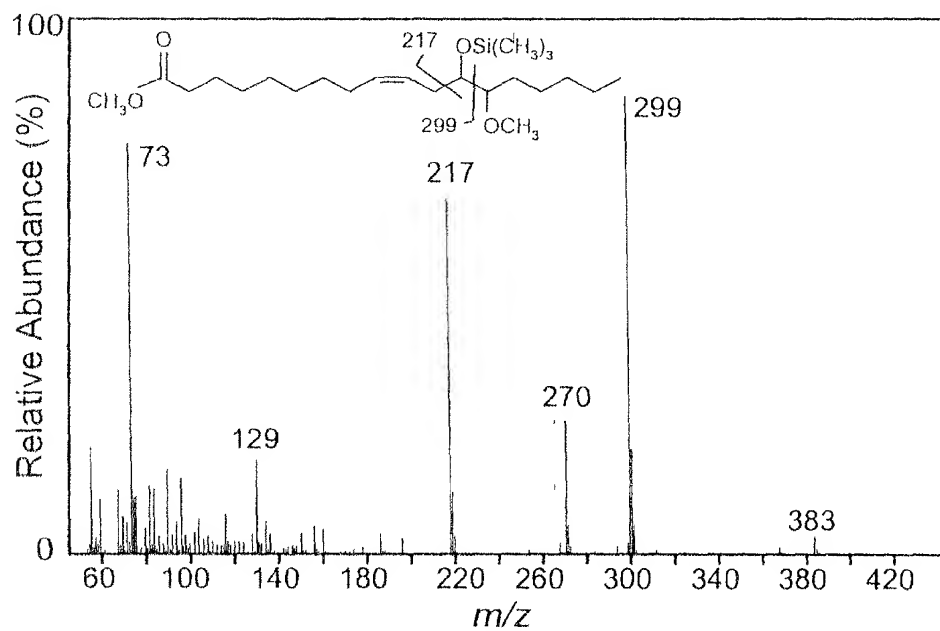


FIG. 3A

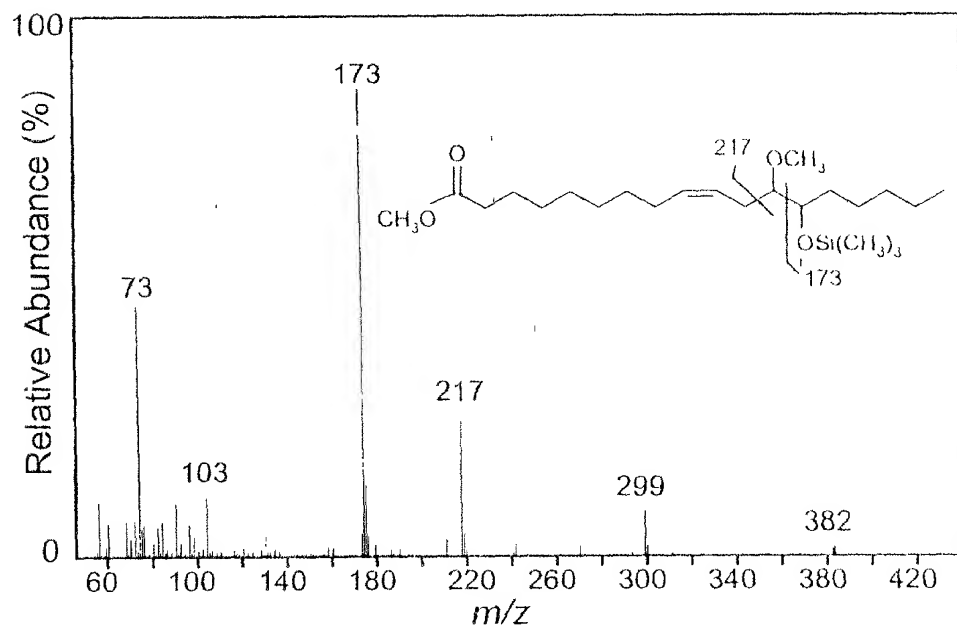


FIG. 3B

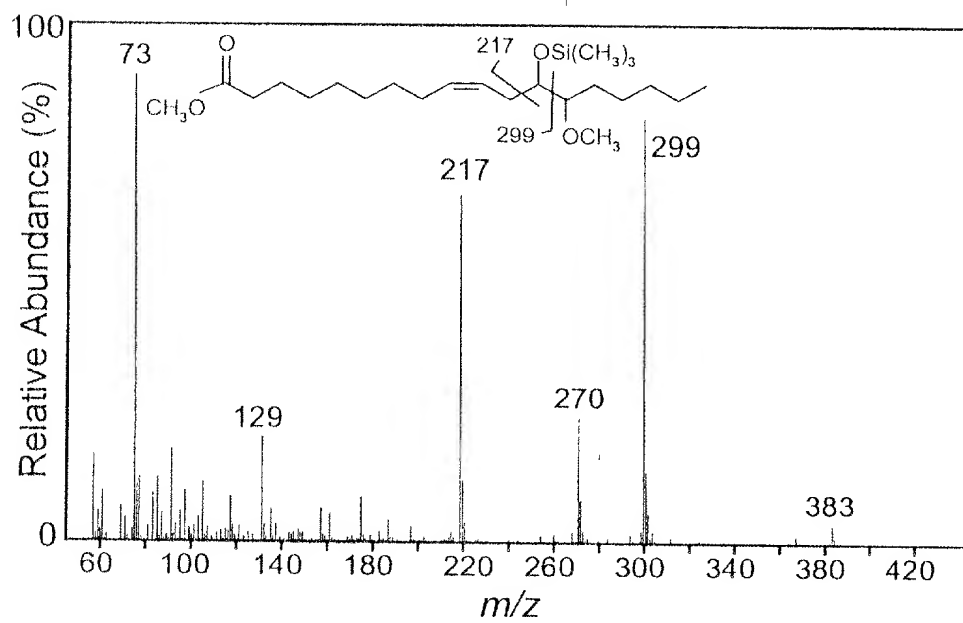


FIG. 3C

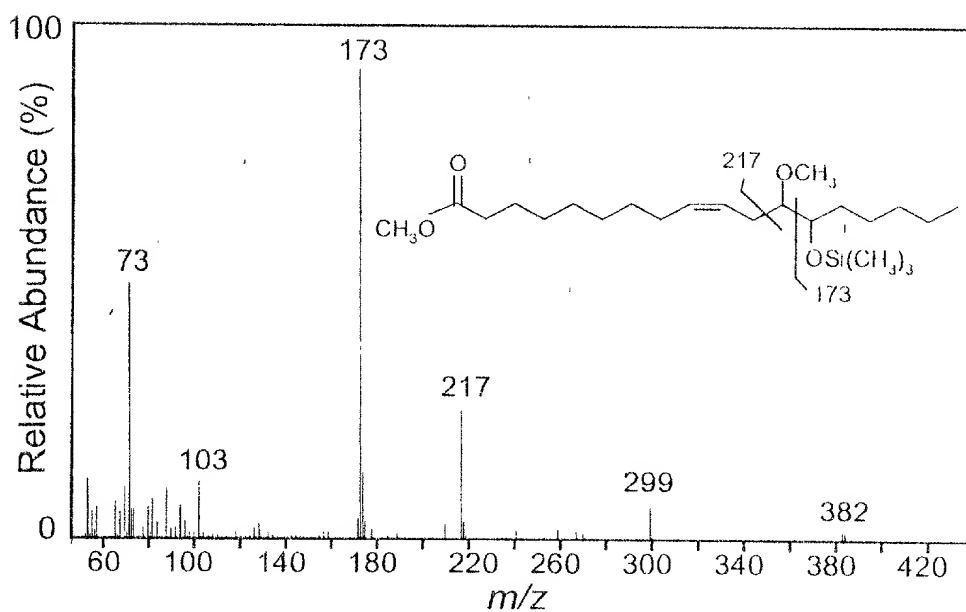


FIG. 3D

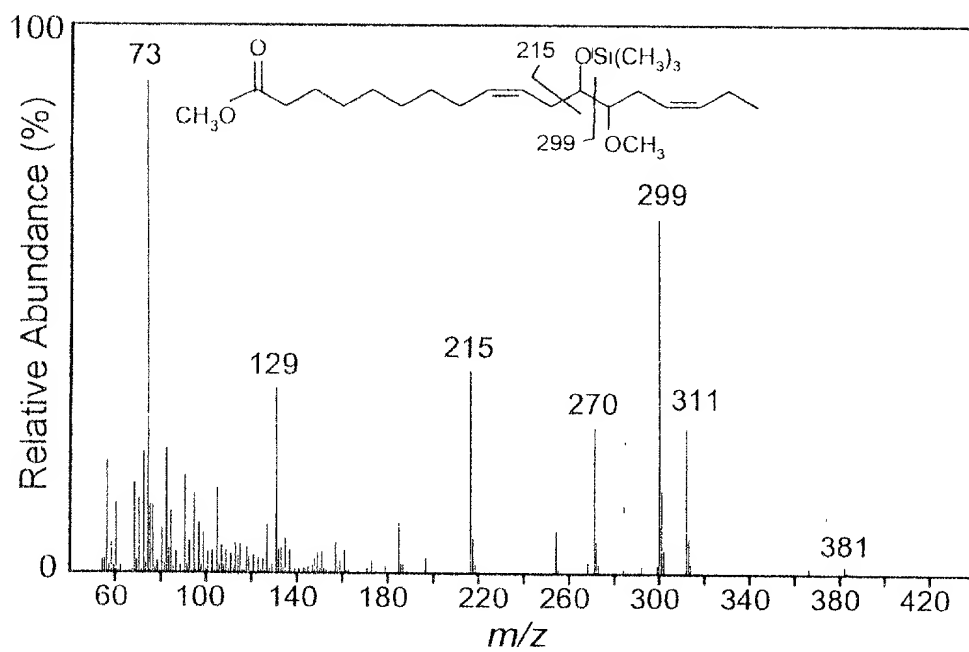


FIG. 3E

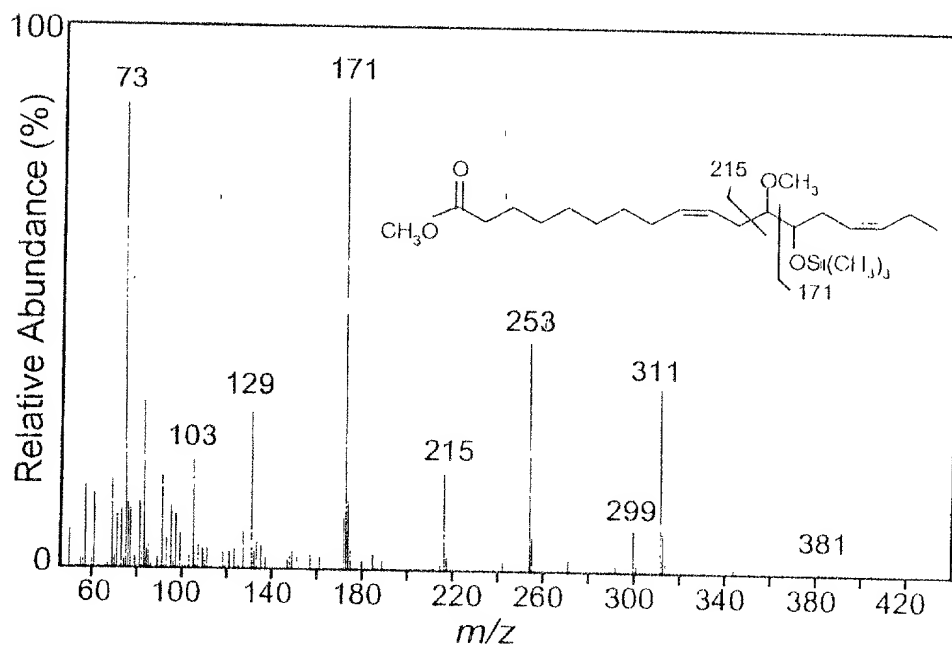


FIG. 3F

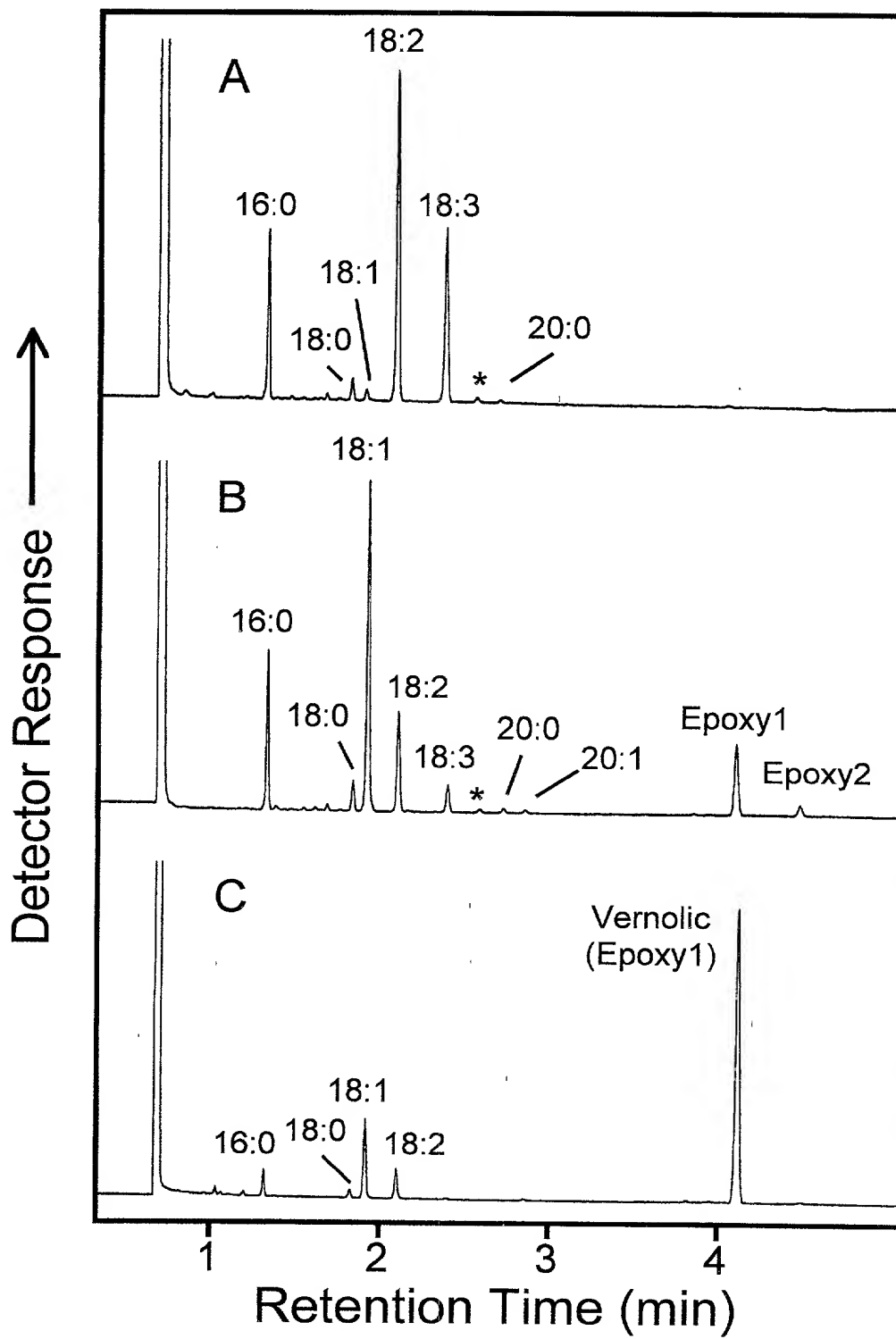


FIG. 4

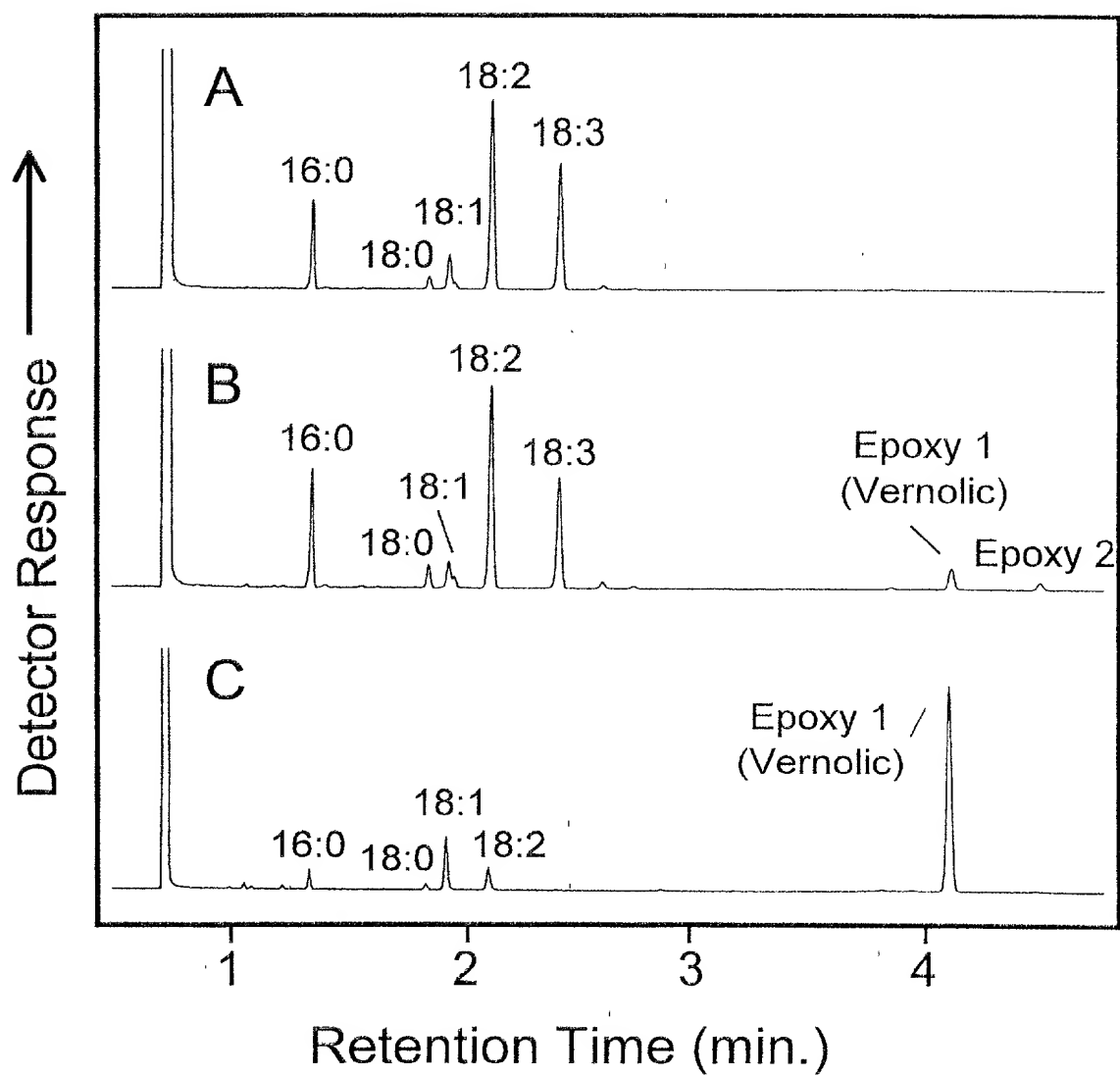


FIG. 5